

Product datasheet for **MC216769**

Cd5 (NM_007650) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd5 (NM_007650) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd5
Synonyms:	Ly-1; Ly-12; Ly-A; Lyt-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216769 representing NM_007650
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTCCCACGAAGTGTCTGGCTGCCACATACCTGTGGGAACGCTGGCGCTTTCTGCCTCGGAC
AGTCTGGAAGGGGTGGCCTAGATATCCAGGTGATGCTAAGTGGCTCCAATTCCAAGTGTCAGGGTCAAGT
GGAGATCCAGATGGAAAAAAGTGGAAAAACAGTGTGCAAGTTCAGTTGGAGGCTGAGCCAGGACCATTTCG
AAAAATGCCCAGCAGGCCTCTGCAGTGTCAAACAGCTGAGATGTGGTACCCCTTGGCCCTTGGTCCTT
TCCCTTCAATTGAACAGACCCCAAGACAGGTCTTCTGCCAAGGATCTCCGTGGTCTATATCCAAGTCAA
CAACACAAGTTTACAAGACCAAGTGCCTTCCGCTGAGCCTGATCTGCCTAGAGCCCAGAGAACGACACCT
CCACCCACAACCACCCACCCACCCTGCGGAGCCACAGCTCCTCCAGATTGACAGTGGTGGCCAG
GACACGAAGGCTGAGGTGCACAGGTGTGGTGAATTCTACAATGGCAGCTGGGGTGGCACCATCTCTA
CAAGGCCAAGGACAGGCCCTGGCCTGGGGAACCTCATCTGTAAGTCTCTGCAGTGTGGCTCTTTCTTG
ACACATCTGTCCGGGACAGAGGCAGCAGGGACACCAGCTCCTGCAGAGCTGAGGGACCCAGGCCCTTGC
CAATTCGATGGGAGGCCCGAACGGGAGCTGTGTCTCACTACAGCAGTGTTCAGAAAAACAACGGCCCA
GGAGGGCGGCCAGGCGCTCACCGTCATCTGCTCTGATTTCCAGCCCAAGGTTTCAGAGCCGCTGGTCGGG
GGCAGCAGTGTGTGTGAGGGCATCGCTGAAGTGCAGCAGATCACAGTGGGAGGCCCTGTGTGACAGTT
CTGCAGCCAGGGGCCGGGACGGTGGGAAGAGCTATGTGGGAGCAGCAGTGTGGCGACCTCATCTCCTT
CCACACGGTGGATGTGACAAAACCTCCCCGGGTTCTCTGTGCCAGGAGAAGCTGTCTCAGTGTAC
CATCTCCAGAAAAAAACACTGCAACAAGAGGGTATTCGTACATGCCAAGACCCAAACCAGCGGGCC
TGGCCCCAGGCAGTGTGGCAAGCATCATCTGACCCTTGTACTCCTGGTGGTGTCTGGCCATGTGTGG
TCCTCTGGTCTACAAGAAGCTGGTGAAGAAATTCGTCAGAAAAAGCAGCGTCAGTGGATTGGCCCCACA
GGAGTGAACCAGAACATGTCTTTCCATCGAAGCCACACAGCAACTGTGCGGTCCCAAGTTGAGAACC
CAGCCTCTCATGTGGACAATGAATACAGCCAGCCTCCAGGAACTCTCACCTGTCTGCTTATCCAGCTCT
GGAAGGAGCCCTACACCGATCTTCTACACAACCTGACAACTCCTCTGACAGTGACTATGACCTGCAAGT
GCTCAGAGACTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_007650

Insert Size: 1485 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_007650.3](#), [NP_031676.3](#)

RefSeq Size: 2069 bp

RefSeq ORF: 1485 bp

Locus ID: 12507

UniProt ID: [P13379](#)

Cytogenetics: 19 7.16 cM

Gene Summary: May act as a receptor in regulating T-cell proliferation.[UniProtKB/Swiss-Prot Function]